

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended): A polyolefin fiber for the reinforcement of products based on fibers and a hydraulic-setting substance, ~~including~~ comprising a size ~~carrying~~ comprising at least a product based on fatty-acid polyethylene glycol ester and phosphoric acid ester compounds, natural-oil-based, a product based on a fatty-acid-derived polyethylene glycol ester, and/or a product based on non-ionic surfactant and esterquats, wherein the size carries a function which assists the fiberizing operation, a function in which the fiber can be wetted by the composition of the hydraulic-setting substance, and a function of promoting adhesion to the hydraulic-setting substance, ~~and characterized in that the sizing comprises at least a product based on fatty-acid polyethylene glycol ester and phosphoric acid ester compounds, natural oil-based such as the reference "Synthesin 7292" by Dr. Boehme, or at least a product based on a lubricating and antistatic mixture sold under the reference "KB 144/2" by Cognis, or at least a product based on a fatty-acid derived polyethylene glycol ester such as the reference "Stantex S6077" by Cognis, or at least a product based on non-ionic surfactant and esterquats such as the reference "Stantex S6087/4" by Cognis.~~

2. (Currently Amended): The polyolefin fiber as claimed in claim 1, ~~characterized in that~~ wherein the polyolefin is polypropylene.

3. (Previously Presented): The polyolefin fiber of claim 1, wherein the titre of the polyolefin fiber is between 0.5 and 10 dtex.

4. (Previously Presented): The polyolefin fiber of claim 1, wherein the polyolefin fiber has a tenacity of at least 4 cN/dtxt.

5. (Previously Presented): The polyolefin fiber of claim 1, wherein the size is present on the fiber in an amount of 0.05 to 5% by weight of dry matter relative to the dry weight of fiber.

6. (Currently Amended): The polyolefin fiber of claim 1, wherein the size is applied pure alone or as a part of a solution, dispersion or emulsion, aqueous-based or based on another suitable liquid vehicle.

7. (Currently Amended): A method of reinforcing a product based on fibers and a hydraulic-setting substance comprising adding ~~The use of~~ a fiber as claimed in claim 1 as ~~reinforcing fiber in a~~ to the product ~~based on fibers and a hydraulic-setting substance~~.

8. (Currently Amended): A product based on fibers and a hydraulic-setting substance, ~~characterized in that it~~ wherein the product comprises polyolefin fibers as claimed in claim 1.

9. (Currently Amended): The product as claimed in claim 8, ~~characterized in that it~~
wherein the product comprises from 0.2 to 5% by weight of reinforcing fibers relative to the
total dry weight of ~~the initial mixture~~ an initial mixture based on hydraulic binder, water and
fibers.

10. (Currently Amended): The product as claimed in claim 8, ~~characterized in that it~~
wherein the product is planar or is a ~~has the form of a plane or~~ corrugated board or plate.

11. (Currently Amended): A process for manufacturing a product based on fibers and
a hydraulic-setting substance as claimed in claim 8, ~~characterized in that~~ comprising preparing
an initial mixture based on hydraulic binder, water and fibers ~~is prepared, in that the~~ , filtering
the initial mixture ~~is filtered~~ on a fixed or moving support in order to form a wet elementary
sheet, ~~in that~~ superposing a plurality of elementary sheets ~~is superposed~~ to form a wet
intermediate product and ~~in that~~ drying the wet intermediate product ~~is dried~~.

12. (Previously Presented): A mortar composition ~~for a hydraulic setting material,~~
~~especially for mortar,~~ comprising a hydraulic binder and fibers as claimed in claim 1.

13. (New): The polyolefin fiber as claimed in claim 1, wherein the size comprises at
least a product based on fatty-acid polyethylene glycol ester and phosphoric acid ester
compounds, natural-oil-based.

14. (New): The polyolefin fiber as claimed in claim 2, wherein the size comprises at least a product based on fatty-acid polyethylene glycol ester and phosphoric acid ester compounds, natural-oil-based.

15. (New): The polyolefin fiber as claimed in claim 1, wherein the size comprises at least a product based on non-ionic surfactant and esterquats.

16. (New): The polyolefin fiber as claimed in claim 2, wherein the size comprises at least a product based on non-ionic surfactant and esterquats.

17. (New): The polyolefin fiber as claimed in claim 1, wherein the size comprises at least a product based on a fatty-acid-derived polyethylene glycol ester.

18. (New): The polyolefin fiber as claimed in claim 2, wherein the size comprises at least a product based on a fatty-acid-derived polyethylene glycol ester.